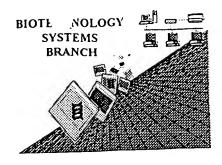
RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

| Application Serial Number: | 09/827,937 |
|----------------------------|------------|
| Source: | OIPE |
| Date Processed by STIC: | 4-23-01 |

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PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,

2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216. PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax) PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE <u>CHECKER</u> <u>VERSION 3.0 PROGRAM</u>, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money

Checker Version 3.0 can be down loaded from the USPTO website at the following address: http://www.uspto.gov/web/offices/pac/checker

Does Not Comply

RAW SEQUENCE LISTING

DATE: 04/23/2001

PATENT APPLICATION: US/09/827,937

TIME: 13:34:35

Input Set : A:\seqlist-1488 1220003.txt Output Set: N:\CRF3\04232001\I827937.raw

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Corrected Diskette Needed
     5 <110> APPLICANT: Li, Yi
             Ruben, Steven M.
    13 <120> TITLE OF INVENTION: Human G-Protein Coupled Receptors
     19 <130> FILE REFERENCE: 1488.1220003
C--> 25 <140> CURRENT APPLICATION NUMBER: US/09/827,937
C--> 28 <141> CURRENT FILING DATE: 2001-04-09
     32 <150> PRIOR APPLICATION NUMBER: 08/852,824
    · 35 <151> PRIOR FILING DATE: 1997-05-07
     40 <160> NUMBER OF SEQ ID NOS: 18
                                             Valid responses for <2137:
1- Genus species of organism
     46 <170> SOFTWARE: PatentIn Ver. 2.0
     52 <210> SEO ID NO: 1
     55 <211> LENGTH: 2247
     58 <212> TYPE: DNA
     61 <213> ORGANISM: (genomic
     67 <220> FEATURE:
                                               2- Unknown
     70 <221> NAME/KEY: CDS
    79 <400> SEQUENCE: 1

82 gcacgaggaa cagaacactt tctcatgtcc agggtcagat tacaagagca ctcaagactt 60

88 tactgacgaa aactcaggaa atcctctatc accacgact tt
    73 <222> LOCATION: (226)..(1251)
                                                                                  Unknown and
     88 tactgacgaa aactcaggaa atcctctatc acaaagaggt ttggcaacta aactaagaca 120
     94 ttaaaaggaa aataccagat gccactctgc aggctgcaat aactactact tactggatac 180
    100 atteaaacce tecagaatea acagttatea ggtaaccaac aagaa 'atg caa gee gte 237 Grf; ficial Sequences
103 Met Gln Ala Val
                                                           Met Gln Ala Val
    103
                                                                           285 must include (220),
    112 gac aat ctc acc tct gcg cct ggg aac acc agt ctg tgc acc aga gac
    115 Asp Asn Leu Thr Ser Ala Pro Gly Asn Thr Ser Leu Cys Thr Arg Asp
                                                                                2223> features to
                             10
     124 tac aaa atc acc cag gtc ctc ttc cca ctg ctc tac act gtc ctg ttt
                                                                                explain the source
     127 Tyr Lys Ile Thr Gln Val Leu Phe Pro Leu Leu Tyr Thr Val Leu Phe
                                              30
                                                                           381 of the genetic
    136 ttt gtt gga ctt atc aca aat ggc ctg gcg atg agg att ttc ttt caa
    139 Phe Val Gly Leu Ile Thr Asn Gly Leu Ala Met Arg Ile Phe Phe Gln
                                                                                material in the
                                          45
    148 atc cgg agt aaa tca aac ttt att att ttt ctt aag aac aca gtc att
                                                                                sequence.
    151 Ile Arg Ser Lys Ser Asn Phe Ile Ile Phe Leu Lys Asn Thr Val Ile
                                     60
    160 tct gat ctt ctc atg att ctg act ttt cca ttc aaa att ctt agt gat
    163 Ser Asp Leu Leu Met Ile Leu Thr Phe Pro Phe Lys Ile Leu Ser Asp
                                 75
                                                                           525 * Note: please
    172 gcc aaa ctg gga aca gga cca ctg aga act ttt gtg tgt caa gtt acc
    175 Ala Lys Leu Gly Thr Gly Pro Leu Arg Thr Phe Val Cys Gln Val Thr
                                                                           573 Correct subsequent
                             90
                                                 95
    184 tcc gtc ata ttt tat ttc aca atg tat atc agt att tca ttc ctg gga
                                                                               sequences in the
    187 Ser Val Ile Phe Tyr Phe Thr Met Tyr Ile Ser Ile Ser Phe Leu Gly
    190
                        105
    196 ctg ata act atc gat cgc tac cag aag acc acc agg cca ttt aaa aca
                                                                               listing which contain
    199 Leu Ile Thr Ile Asp Arg Tyr Gln Lys Thr Thr Arg Pro Phe Lys Thr
                                                                              this error.
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Input Set : A:\seqlist-1488 1220003.txt
Output Set: N:\CRF3\04232001\I827937.raw

| 202 | | | | 120 | | | | | 125 | | | | | 130 | | | |
|-----|------|-------|-------|------|-------|--------|------|-------|-------|--------|-------|-------|-------|-------|-------|--------|-------|
| | | | | | | | _ | | - | - | | | | | gtc | | 669 |
| 211 | Ser | Asn | | Lys | Asn | Leu | Leu | _ | Ala | Lys | He | Leu | | Val | Val | Ile | |
| 214 | | | 135 | | | | | 140 | | | | | 145 | | | | |
| 220 | tgg | gca | ttc | atg | ttc | tta | ctc | tct | ttg | cct | aac | atg | att | ctg | acc | aac | 717 |
| 223 | Trp | Ala | Phe | Met | Phe | Leu | Leu | Ser | Leu | Pro | Asn | Met | Ile | Leu | Thr | Asn | |
| 226 | | 150 | | | | | 155 | | | | | 160 | | | | | |
| 232 | agg | cag | ccg | aga | gaç | aag | aat | gtg | aag | aaa | tgc | tct | ttc | ctt | aaa | tca | 765 · |
| 235 | Arg | Gln | Pro | Arg | Asp | Lys | Asn | Val | Lys | Lys | Cys | Ser | Phe | Leu | Lys | Ser | |
| 238 | 165 | | | | | 170 | | | | | 175 | | | | | 180 | |
| 244 | gag | ttc | ggt | cta | gtc | tgg | cat | gaa | ata | gta | aat | tac | atc | tgt | caa | gtc | 813 |
| 247 | Glu | Phe | Gly | Leu | Val | Trp | His | Glu | Ile | Val | Asn | Tyr | Ile | Cys | Gln | Val | |
| 250 | | | - | | 185 | - | | | | 190 | | - | | _ | 195 | | |
| 256 | att | ttc | taa | att | aat | ttc | tta | att | att | att | qta | tat | tat | aca | ctc | att | 861 |
| | | | | | | | | | | | | | | | Leu | | |
| 262 | | | | 200 | | | | | 205 | | | -1- | -1- | 210 | | | |
| | aca | aaa | gaa | | tac | caa | tca | tac | | aσa | асσ | аσσ | aat | σta | ggt | aaa | 909 |
| | | | | | | | | | | | | | | | Gly | | 505 |
| 274 | 1111 | כעם | 215 | пса | - 1 - | **** 9 | DCI | 220 | vul | **** 9 | **** | *** 9 | 225 | , , , | 017 | 2,5 | |
| | ato | 000 | | 222 | 220 | ata | 220 | | 222 | att | ttc | att | | att | gct | αta | 957 |
| | - | | | | - | - | | - | | - | | | | | Ala | - | 231 |
| 286 | Val | 230 | Arg | цуз | шуз | Val | 235 | Val | цуз | Vai | rne | 240 | 116 | 116 | niu | Vai | |
| | ++- | | a++ | +~+ | +++ | ~++ | | ++0 | aa+ | +++ | ~~~ | | a++ | aat | + 2.0 | 200 | 1005 |
| | | | | _ | | - | | | | | _ | _ | | | tac | | 1003 |
| | | rne | тте | Cys | Pne | 250 | PIO | Pile | птг | Pne | | Arg | 116 | PIO | Tyr | 260 | |
| | 245 | | | | | | | | | | 255 | | | | | | 1052 |
| | _ | - | | | | - | - | | - | - | | - | - | | act | _ | 1053 |
| | Leu | Ser | GIN | Thr | _ | ASP | val | Pne | ASP | _ | THE | Ald | GIU | ASII | Thr | Leu | |
| 310 | | | | | 265 | | | | | 270 | | | | | 275 | | 1101 |
| | | | | | | - | | _ | | | | | | | gca | - | 1101 |
| | Phe | Tyr | Val | - | Glu | ser | Thr | Leu | _ | Leu | Thr | Ser | Leu | | Ala | Cys | |
| 322 | | | | 280 | | | | | 285 | | | | | 290 | | | |
| | _ | - | _ | | | | | | | _ | _ | | | - | aat | | 1149 |
| | Leu | Asp | | Phe | Ile | Tyr | Phe | | Leu | Cys | Lys | Ser | | Arg | Asn | Ser | |
| 334 | | | 295 | | | | | 300 | | | | | 305 | | | | |
| | _ | | - | - | _ | - | - | | | | - | | | _ | tcc | _ | 1197 |
| | Leu | | Ser | Met | Leu | Lys | _ | Pro | Asn | Ser | Ala | | Ser | Leu | Ser | Gln | |
| 346 | | 310 | | | | | 315 | | | | | 320 | | | | | |
| 352 | gac | aat | agg | aaa | aaa | gaa | cag | gat | ggt | ggt | gac | cca | aat | gaa | gag | act | 1245 |
| 355 | Asp | Asn | Arg | Lys | Lys | Glu | Gln | Asp | Gly | Gly | Asp | Pro | Asn | Glu | Glu | Thr | |
| 358 | 325 | | , | | | 330 | | | | | 335 | | | | | 340 | |
| 364 | cca | atg | taaa | caaa | itt a | acta | agga | ıa at | attt | caat | cto | etttg | gtgt | tca | gaact | cg | 1301 |
| 367 | Pro | Met | | | | | | | | | | | | | | | |
| 373 | ttaa | agca | aa g | cgct | aagt | a aa | aata | ittaa | cto | gacga | aga | agca | acta | ag 1 | ttaat | aataa | 1361 |
| 379 | tgac | ctcta | aa g | aaac | agaa | ig at | taca | aaag | caa | tttt | cat | ttac | cttt | cc a | agtat | gaaaa | 1421 |
| 385 | gcta | tctt | aa a | atat | agaa | a ac | taat | ctaa | act | gtag | jctg. | tatt | agca | igc a | aaaa | caaacg | 1481 |
| 391 | acat | ccaa | itt g | tcat | gctg | c at | gcaa | aact | aca | caga | att | cate | jtttt | .gg (| cagag | ttttg | 1541 |
| 397 | gcaa | aato | rag t | aato | atat | a at | attt | acto | , taa | itttt | taa | aata | catt | at o | gtto | cacaat | 1601 |
| | - | - | _ | | | | | - | | | | | | | - | ccaaa | |
| 409 | aatg | atag | ıtt a | aaat | gtat | a ta | tato | ctac | tec | ccta | acc | aaat | cctg | ac d | ctatt | gggat | 1721 |
| | - | - | | | - | | | _ | | | | | _ | | | | |

Input Set : A:\seqlist-1488 1220003.txt
Output Set: N:\CRF3\04232001\1827937.raw

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415 acttataaaa atttaagtaa gtgggataca caaagaataa taactattaa citttcatta 1781
421 ttagccaaaa acctaaggga tttaaactaa ttgaaactgt atttgattgg acttaatttt 1841
427 ttatgtttat ttagaagata aagatttaag aagaccttta caataaagag aagaaatatc 1901
433 gaagtcatta aaataaggag acttactttt atgacattct aatactaaaa aatatagaaa 1961
439 tatttcctta attctagaga aactagtttt actaattttt tacaacttca ataataccat 2021
445 cactgacact tacctttatt aattagcttc tagaaaatag ctgctaatta ggttaatgaa 2081
451 cattttacct tagtgaaaaa aaattaatta aatatgatta caaagttgca cagcataact 2141
457 actgagagga aagtgattga tctgtttgta attacttgtt tgtattggtg tgtataaaat 2201
472 <210> SEQ ID NO: 2
475 <211> LENGTH: 342
478 <212> TYPE: PRT
                               -> see p./
481 <213> ORGANISM genomic
487 <400> SEQUENCE: 2
490 Met Gln Ala Val Asp Asn Leu Thr Ser Ala Pro Gly Asn Thr Ser Leu
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499 Cys Thr Arg Asp Tyr Lys Ile Thr Gln Val Leu Phe Pro Leu Leu Tyr
                                    25
508 Thr Val Leu Phe Phe Val Gly Leu Ile Thr Asn Gly Leu Ala Met Arg
            35
                                 40
517 Ile Phe Phe Gln Ile Arg Ser Lys Ser Asn Phe Ile Ile Phe Leu Lys
        50
                            55
526 Asn Thr Val Ile Ser Asp Leu Leu Met Ile Leu Thr Phe Pro Phe Lys
                                            75
535 Ile Leu Ser Asp Ala Lys Leu Gly Thr Gly Pro Leu Arg Thr Phe Val
                     85
544 Cys Gln Val Thr Ser Val Ile Phe Tyr Phe Thr Met Tyr Ile Ser Ile
                100
                                    105
553 Ser Phe Leu Gly Leu Ile Thr Ile Asp Arg Tyr Gln Lys Thr Thr Arg
           115
                               120
                                                   125
562 Pro Phe Lys Thr Ser Asn Pro Lys Asn Leu Leu Gly Ala Lys Ile Leu
                                               140
571 Ser Val Val Ile Trp Ala Phé Met Phe Leu Leu Ser Leu Pro Asn Met
574 145
                       150
                                           155
580 Ile Leu Thr Asn Arg Gln Pro Arg Asp Lys Asn Val Lys Lys Cys Ser
                   165
                                       170
589 Phe Leu Lys Ser Glu Phe Gly Leu Val Trp His Glu Ile Val Asn Tyr
592
               180
                                   185
598 Ile Cys Gln Val Ile Phe Trp Ile Asn Phe Leu Ile Val Ile Val Cys
          195
                               200
607 Tyr Thr Leu Ile Thr Lys Glu Leu Tyr Arg Ser Tyr Val Arg Thr Arg
      210
                           215
                                               220
616 Gly Val Gly Lys Val Pro Arg Lys Lys Val Asn Val Lys Val Phe Ile
                       230
                                           235
625 Ile Ile Ala Val Phe Phe Ile Cys Phe Val Pro Phe His Phe Ala Arg
                                       250
634 Ile Pro Tyr Thr Leu Ser Gln Thr Arg Asp Val Phe Asp Cys Thr Ala
               260
                                   265
643 Glu Asn Thr Leu Phe Tyr Val Lys Glu Ser Thr Leu Trp Leu Thr Ser
```

Input Set : A:\seqlist-1488 1220003.txt
Output Set: N:\CRF3\04232001\1827937.raw

```
646
            275
                                280
652 Leu Asn Ala Cys Leu Asp Pro Phe Ile Tyr Phe Phe Leu Cys Lys Ser
                            295
661 Phe Arg Asn Ser Leu Ile Ser Met Leu Lys Cys Pro Asn Ser Ala Thr
                        310
                                            315
670 Ser Leu Ser Gln Asp Asn Arg Lys Lys Glu Gln Asp Gly Gly Asp Pro
                                        330
                    325
679 Asn Glu Glu Thr Pro Met
682
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691 <210> SEQ ID NO: 3
694 <211> LENGTH: 1637
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697 <212> TYPE: DNA
700 <213> ORGANISM: Genomic
706 <220> FEATURE:
709 <221> NAME/KEY: CDS
712 <222> LOCATION: (50)..(1201)
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727
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733 acg ggg acc ccg gtg gcc ccc gag tcc tgc caa cag ctg gcg gcc ggc
                                                                       106
736 Thr Gly Thr Pro Val Ala Pro Glu Ser Cys Gln Gln Leu Ala Ala Gly
                             10
745 ggg cac age egg etc att gtt etg eac tac aac eac teg gge egg etg
748 Gly His Ser Arg Leu Ile Val Leu His Tyr Asn His Ser Gly Arg Leu
751 20
                         25
757 gcc ggg cgc ggg ggg ccg gag gat ggc ctg ggg gcc ctg cgg ggg
                                                                       202
760 Ala Gly Arg Gly Gly Pro Glu Asp Gly Gly Leu Gly Ala Leu Arg Gly
                                         45
769 ctg tcg gtg gcc gcc agc tgc ctg gtg gtg ctg gag aac ttg ctg gtg
772 Leu Ser Val Ala Ala Ser Cys Leu Val Val Leu Glu Asn Leu Leu Val
                 55
781 ctg geg gec até acc age cac atg egg teg caa ege tgg gte tae tat
                                                                       298
784 Leu Ala Ala Ile Thr Ser His Met Arg Ser Gln Arg Trp Val Tyr Tyr
                                 75
                                                     80
793 tgc ctg gtg aac att acg atg agt gac ctg ctc acg ggc gcg gcc tac
                                                                       346
796 Cys Leu Val Asn Ile Thr Met Ser Asp Leu Leu Thr Gly Ala Ala Tyr
805 ctg gcc aac gtg ctg ctg tcg ggg gcc cgc acc ttc cgt ctg gcg ccc
808 Leu Ala Asn Val Leu Leu Ser Gly Ala Arg Thr Phe Arg Leu Ala Pro
                        105
                                            110
817 gcc cag tgg ttc cta cgg aag ggc ctg ctc ttc acc gcc ctg gcc gcc
                                                                       442
820 Ala Gln Trp Phe Leu Arg Lys Gly Leu Leu Phe Thr Ala Leu Ala Ala
                   120
                                        125
829 toe acc tte age etg etc tte act gea ggg ttg ege ttt gee acc atg
                                                                       490
832 Ser Thr Phe Ser Leu Leu Phe Thr Ala Gly Leu Arg Phe Ala Thr Met
835
               135
                                    140
841 gtg cgg ccg gtg gcc gag agc ggg gcc acc aag acc agc cgc gtc tac
844 Val Arg Pro Val Ala Glu Ser Gly Ala Thr Lys Thr Ser Arg Val Tyr
```

Input Set : A:\seqlist-1488 1220003.txt
Output Set: N:\CRF3\04232001\1827937.raw

| 047 | | | 150 | | | | | 155 | | | | | 160 | | | | |
|------|-----|-------|-----|------|------|----------|----------|-------|------|------|------|-----|------|----------|------|----------------|-------------|
| 847 | | | 150 | | | . | . | 155 | ~+ | | | | 160 | | | | ro <i>c</i> |
| | | ttc | | | | | | | | | | | | | | | 586 |
| | GIÀ | Phe | TTE | GIY | Leu | Cys | - | ьeu | ren | ATa | Ala | | Leu | GIA | met | Leu | |
| 859 | | 165 | | | | | 170 | _4_ | | | | 175 | | . | | | c 2 4 |
| | | ttg | - | | | | _ | _ | - | - | | - | - | | | - | 634 |
| | | Leu | Leu | GIĀ | Trp | | Cys | Leu | Cys | Ala | | Asp | Arg | Cys | Ser | | |
| | 180 | | | | | 185 | | | | | 190 | | | | | 195 | |
| | | ctg | | | | | | | | | | | | | | | 682 |
| | Leu | Leu | Pro | Leu | | Ser | Lys | Arg | Tyr | | Leu | Phe | Cys | Leu | | Ile | |
| 883 | | | | | 200 | | | | | 205 | | | | | 210 | | |
| | | gcc | | - | _ | _ | | | _ | | | | | - | | | 730 |
| | Phe | Ala | Gly | | Leu | Ala | Thr | Ile | | Gly | Leu | Tyr | Gly | | Ile | Phe | |
| 895 | | | | 215 | | | | | 220 | | | | | 225 | | | |
| | | ctg | | | | | | | | | | | | | | | 778 |
| | Arg | Leu | | Gln | Ala | Ser | Gly | | Lys | Ala | Pro | Arg | | Ala | Ala | Arg | |
| 907 | | | 230 | | | | | 235 | | | | | 240 | | | | |
| | - | aag | - | _ | _ | _ | _ | _ | - | | - | _ | | _ | _ | _ | 826 |
| | Arg | Lys | Ala | Arg | Arg | Leu | | Lys | Thr | Val | Leu | | Ile | Leu | Leu | Ala | |
| 919 | | 245 | | | | | 250 | | | | | 255 | | | | | |
| | | ttg | | - | _ | | | | | | _ | _ | _ | - | - | - | 874 |
| | | Leu | Val | Cys | Trp | _ | Pro | Leu | Phe | Gly | | Leu | Leu | Ala | Asp | Val | |
| 931 | | | | | | 265 | | | | | 270 | | | | | 275 | |
| | | ggc | | | | | | | | | | | | | | | 922 |
| | Phe | Gly | Ser | Asn | | Trp | Ala | Gln | Glu | | Leu | Arg | Gly | Met | | Trp | |
| 943 | | | | | 280 | | | | | 285 | | | | | 290 | | |
| | | ctg | | | | | | | | | | | | | | | 970 |
| | Ile | Leu | Ala | | Ala | Val | Leu | Asn | | Ala | Val | Asn | Pro | | Ile | \mathtt{Tyr} | |
| 955 | | | | 295 | | | | | 300 | | | | | 305 | | | |
| | | ttc | | _ | | _ | | _ | - | _ | | | _ | | | - | 1018 |
| | Ser | Phe | - | Ser | Arg | Glu | Val | - | Arg | Ala | Val | Leu | | Phe | Leu | Cys | |
| 967 | | | 310 | | | | | 315 | | | | | 320 | | | | |
| | - | ggg | _ | | | - | | _ | - | | | | _ | _ | - | - | 1066 |
| | Cys | Gly | Cys | Leu | Arg | Leu | _ | Met | Arg | Gly | Pro | _ | Asp | Cys | Leu | Ala | |
| 979 | | 325 | | | | | 330 | | | | | 335 | | | | | |
| | | gcc | | | | | | | | | | | | | | | 1114 |
| | _ | Ala | Va⊥ | GLu | Ala | | Ser | GLY | Ala | Ser | | Thr | Asp | Ser | Ser | | |
| 991 | | | | | | 345 | | | | | 350 | | | | | 355 | |
| | | cca | | - | - | | _ | | | _ | - | | - | | | - | 1162 |
| | - | , Pro | Arg | Asp | | | Arg | , Gly | Ser | - | | Leu | Ser | Phe | - | Met | |
| 1003 | | | | | 360 | | | | | 365 | | | | 1. | 370 | | |
| | | gag | | | | | | | | | | | | | agtt | .gca | 1211 |
| | - | r Glu | Pro | | | Ser | : Ile | Ser | | | Arg | Ser | Ile |) | | | |
| 1015 | | | | 375 | | | | | 380 | | | | | | | | |
| | | | | | | | | | | | | | | | | ggtaca | |
| | | _ | | _ | _ | | _ | _ | | | - | | _ | | | ccccca | |
| | | | | | | | | | | | | | | | | .gcctat | |
| | | | | | | | | | | | | | | | | accctg | |
| | | | | | | | | | | | | | | | | tcccgg | |
| 1051 | ccc | ctct | ctg | ggcc | tcag | rta g | ggct | ccca | g gc | tgca | aggg | gtg | gact | gtg | ggat | gcatgc | 1571 |

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/827,937

DATE: 04/23/2001

TIME: 13:34:36

Input Set : A:\seqlist-1488 1220003.txt
Output Set: N:\CRF3\04232001\I827937.raw

L:25 M:270 C: Current Application Number differs, Replaced Application Number

 $L:28\ M:271\ C:$ Current Filing Date differs, Replaced Current Filing Date